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ANNUAL REPORT
FOR THE YEAR 1945

By

A. McM. W. SEGERDAL,

M.D., D.P.H.

Medical Officer of Health.

THE FREEMAN PRESS, SHEPSHED.

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Medical Officer of Health's Report 1945.

Mr. Chairman and Gentlemen,

I beg to present my Annual Report for the year 1945.

I am pleased to say that the Surveyor and Sanitary Inspector, Mr. R. B. Jones, has returned and I am indebted to him for the valuable help he has given me in compiling this report, and to you, I again thank you for your confidence and willing co-operation.

I am, Gentlemen,

Your obedient Servant,

A. McM. W. SEGERDAL.

Chairman : H. G. LACEY, J.P.

Clerk : H. W. BERESFORD.

Medical Officer of Health : A. McM. W. SEGERDAL, M.D., D.P.H.

Surveyor & Sanitary Inspector : R. B. JONES, Cert. R.S.I.

Gas & Water Engineer : J. E. MATLOCK.

SECTION A.

1. General Statistics and Social Conditions.

Area (in acres)	4321
Registrar-General's estimate of resident population mid-1945	5508
Number of inhabited houses (end of 1945) ...	1671
Rateable Vaiue	£25850-0-0
Sum representing 1d. rate	£103-12-0

Shepshed is situated in pleasant surroundings on the northern borders of the Charnwood Forest. Its main industries are quarrying, manufacture of hosiery, boots and shoes, bricks and tiles. The Brick and Tile Works during the year were still occupied by the Ministry of Supply.

During the year an Italian Prisoner of War Camp was still in Shepshed.

During the year no industry was noticed as having an adverse effect on health.

2. Vital Statistics.

Live Birth Rate :

	Males	Females	Total
Legitimate	38	49	87
Illegitimate	2	5	7
Total	40	54	94

Birth Rate per 1000 of estimated population ...	17.1
,, ,, ,, ,, ,, (England and Wales) ...	16.1

Still Birth Rate :

	Males	Females	Total
Legitimate	3	1	4
Illegitimate	—	—	—
Total	3	1	4

Still Birth Rate per 1000 of estimated population ...	.72
,, ,, ,, ,, ,, ,, (England and Wales) ...	.46

Death Rate :

Male	Female	Total
33	35	68

Death Rate per 1000 of estimated population ... 12.3
,, ,, ,, ,, ,, (England and Wales) ... 11.4

Deaths from Puerperal Causes per 1000 Births (Live & Still) :

MATERNAL MORTALITY	SHEPSHED	ENGLAND AND WALES
Abortion with Sepsis	—	.25
Abortion without Sepsis	—	.08
Puerperal Infections	—	.24
Other Maternal Causes	—	1.22
Total	—	1.79

Death Rate of Infants under 1 year of age :

Legitimate	3	3	6
Illegitimate	1	—	1
Total	4	3	7

Death Rate of All Infants under 1 year of age per 1000 live births :

Shepshed	74.5
England and Wales	46.01

CAUSES OF DEATH.

Cause.	Males	Females	Total
Respiratory T.B.	3	1	4
Cancer, Stomach	...	1	1
Cancer, All other Sites ...	1	4	5
Diabetes	...	1	1
Intracranial Vascular Diseases ...	1	5	6
Heart Disease	7	12	19
Other Diseases of Circulatory System	2	1	3
Bronchitis	2	1	3
Pneumonia	2	2	4
Other Respiratory Diseases ...	1	...	1
Ulcer of Stomach or Duodenum ...	1	...	1
Other Digestive Diseases ...	3	...	3
Nephritis	2	2	4
Premature Birth	1	1	2
Congenital Causes	1	1	2
Suicide	1	...	1
Road Traffic	2	...	2
All other causes	3	3	6
Total	33	35	68

Deaths occurred from the following causes during the year 1945:

Cancer (All ages)	...	6
Measles ,,	...	—
Whooping Cough	..	—
Diarrhoea (under 2 years)		—

Chief causes of death:

Heart Disease	...	...	19
Cancer (all sites)	...	...	6
Intracranial Vascular Diseases			6
Nephritis	...	...	4
Pneumonia ...	...	..	4
Pulmonary Tuberculosis	...		4

It will be noted that the death rate and the death rate of infants under one year of age are both higher than that of England and Wales, the same as last year.

The figures for England and Wales are provisional figures based on weekly and quarterly returns.

SECTION B.

General Provisions of Health Service for the Area.

LABORATORY FACILITIES.

Carried out by the County Council, 8, St. Martin's, Leicester. The examinations performed on behalf of the District in the County Council Laboratory are as follows:—

Blood for Wassermann Test	...	...	2
Swabs for Diphtheria ...	...	...	8
Sputa for T.B.	...	...	25
Milk Examination (Bacteriological)		...	11
Sewage and Water Analyses	...	...	—
Urine (General and Bacteriological)		...	1
		Total	49

Hospitals.

GENERAL: Loughborough General Hospital and Leicester Royal Infirmary are available.

INFECTIOUS DISEASES: Hospitals are provided by the Leicestershire Combined Hospitals Committee at Markfield (76 beds), Melton (32 beds), Hinckley (23 beds) and Blaby (17 beds).

SMALLPOX: Hospitals are provided by the Leicestershire Combined Hospitals Committee at Snarestone (23 beds) and Syston (15 beds).

TUBERCULOSIS: The Sanatorium at Markfield is well equipped for the diagnosis and treatment of all forms of tuberculosis and contains 250 beds.

Operations on cases of Pulmonary Tuberculosis are performed at the Leicester City Isolation Hospital.

A number of Institutions including the following are available for the treatment of cases from the County of Leicester—City General Hospital, Leicester; Harlow Wood Orthopaedic Hospital, Mansfield; Warwickshire Orthopaedic Hospital, Coleshill.

MATERNITY: Glencoe Nursing Home, Coalville, Radmoor Nursing Home, Loughborough and Somerville Nursing Home, Loughborough, are much used by residents from this area.

Leicester Royal Infirmary and Loughborough Hospital are available for cases requiring institutional treatment.

CHILDREN are admitted to Leicester Royal Infirmary and Loughborough General Hospital. Warwickshire Orthopaedic Hospital is also available for orthopaedic cases.

OTHER delicate and ill-nourished children (3—5) are admitted to the Children's Convalescent Home, Woodhouse Eaves.

Cases of scabies are removed to Melton Fublic Assistance Institution.

AMBULANCE FACILITIES: Infectious cases are removed by ambulances provided by the Leicestershire Combined Isolation Hospitals Committee. Non-infectious cases are removed by ambulances provided by the St. John Ambulance Brigade at Loughborough. Colliery accidents are removed by ambulances provided by the Leicestershire Coal Owners' Association.

CLINICS AND TREATMENT CENTRES: Provided by County Council. Infant Welfare Centre is held at the Methodist Church Schoolroom. Orthopaedic Clinic is held at Cripples Guild, Packe Street, Loughborough. The Tuberculosis Officer attends at John Street, Loughborough, Artificial Pneumothorax treatment is given at John Street, Loughborough.

SCABIES: Cases are treated at Loughborough Treatment Centre.

NURSING IN HOME: General nursing in home is provided by a Resident Dictrict Nurse under supervision of the Leicestershire Nursing Association and aided by local voluntary contributions. A full time midwife under Leicestershire Combined Hospitals Committee is resident in the district.

HEALTH VISITORS: This is provided by the County Council and the work of Health visitor, School Nurse and Tuberculosis Officer is combined in a single appointment. The Visitor's reports are available to me and I can always depend on her willing co-operation.

EMERGENCY PUBLIC HEALTH LABORATORY: Many examinations of blood and faeces for Typhoid and Dysentery are carried out here. Material for immunisation and vaccination may be obtained here.

SECTION C.

1. Sanitary Circumstances of the Area.

(i) WATER SUPPLY. The Council being the Water Undertaking purchase supply in bulk from the Loughborough Corporation.

(ii) DRAINAGE AND SEWAGE. The Outfall Works are maintained in a satisfactory manner. No complaints have been received.

2. Closet Accommodation.

(i) The Council have again continued their grant to property owners to encourage the conversion of pail to water closets. During the year 15 conversions were made making a total of 511 conversions since the subsidy was issued.

Privies	54
Pail Closets	499
W.C's	2367

(ii) SCAVENGING. This is done in a very satisfactory manner by the Sanitary Department.

(iii) SANITARY INSPECTION OF THE AREA, See Sanitary Inspector's Report.

(iv) SHOPS. No action taken.

(v) CAMPING SITES. None in the Urban Area.

(vi) SMOKE ABATEMENT. Informal action only.

(vii) SWIMMING BATHS AND POOL. See Sanitary Inspector's Report.

(viii) ERADICATION OF BED BUGS. See Sanitary Inspector's Report.

(ix) SCABIES. See Sanitary Inspector's Report.

SECTION D.

Housing.

Houses which have been condemned and not demolished have had certain repairs and alterations made and are being used by evacuees.

I. *Inspection of Dwelling Houses during the year :—*

(1)	(*a*)	Total No. of dwelling houses inspected for Housing Defects (under Public Health and Housing Acts)...	180
	(*b*)	No. of inspections made for the purpose ...	200
(2)	(*a*)	No. of dwelling houses (included under subhead (1) above) which were inspected and recorded under Housing Consolidated Regulations 1925 and 1932	Nil
	(*b*)	No. of inspections made for the purpose ...	Nil
(3)		No. of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	2
(4)		No. of dwelling houses (exclusive of these referred to under the preceding subhead) found not to be in all respects reasonably fit for human habitation ...	39

II. *Remedy of defects during the year without service of Formal Notices.*

No. of defective dwelling houses rendered fit in consequence of informal action by the L.A. or their officers	39

III. *Action under Statutory Powers during the year,*

(a) Proceeding under Section 9, 10, 16 of the Housing Act 1936.

(1)	No. of dwelling houses in respect of which notices were served requiring repairs	Nil
(2)	No. of houses which were rendered fit after service of formal notices :—	
	(a) by owners	Nil
	(b) by Local Authority	Nil

(b) Proceedings under Public Health Acts :

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied 3

(2) Number of dwelling houses in which defects were remedied after service of formal notices :—

(a) by owners 3

(b) by local authority in default of owners ... ... —

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936:

(1) Number of dwelling houses in respect of which Demolition Orders were made ... ... Nil

(2) Number of dwelling houses demolished in pursuance of Demolition Orders ... ... Nil

(d) Proceedings under Section 12 of the Housing Act, 1936 :

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made Nil

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit... ... ... Nil

SECTION F.

Notifiable Disease other than Tuberculosis.

	Final Number After Correction	Cases admitted to Hospital	Total deaths
Scarlet Fever	35	28	—
Whooping Cough	7	1	—
Diphtheria	—	—	—
Erysipelas	13	—	—
Measles	17	—	—
Pneumonia	17	—	4
Gastro-enteritis (not notifiable) ...	—	1	—
Encephalitis Lethargica (diagnosis not confirmed) ...	—	1	—
Total	89	31	4

Analysis under Age Groups in accordance with Form 118 D of the Registrar-General's Returns.

	Scarlet Fever	Whooping Cough	Diphtheria	Erysipelas	Measles	Pneumonia	Dysentery
Under 1 yr.	—	1	—	—	1	2	—
1—2	—	1	—	—	—	1	—
2—3	2	2	—	—	2	2	—
3—4	3	3	—	—	3	1	—
4—5	7	—	—	—	3	2	—
5—10	13	—	—	—	5	2	—
10—15	9	—	—	—	3	1	—
15—20	1	—	—	—	—	—	—
20—35	—	—	—	2	—	1	—
35—45	—	—	—	2	—	—	—
45—65	—	—	—	6	—	1	—
65 and over	—	—	—	3	—	4	—
Total	35	7	—	13	17	17	—

Diphtheria : No cases during the year.

Immunisation : Number of children immunised in 1945 :—

0—4 years	...	70
5—14 years	...	2
Total under 15 years		72

Immunisation in relation to child population.

Number of children who have completed a full course of immunisation at any time up to 31st December, 1945.

Age at 31-12-45 i.e. Born in year	Under 1 1945	2 1944	3 1943	4 1942	5 1941	5–9 1936-1940	10–14 1931-1935	Total under 15 years
Number immunised	0	51	63	49	60	422	404	1049
Estima'd mid-year populat'n 1945	460					841		1301

Scarlet Fever : (35) was fairly prevalent during the year. Mild in type and no deaths.
Measles : (17) was always fairly prevalent. No deaths.
Pneumonia : (17) with 4 deaths is rather high.
Erysipelas : (13) This is also rather high. No deaths.
Whooping Cough : No deaths.

Statement of Particulars.

Appearing in the Register of Notifications of Cases of Tuberculosis for the year 1945.

	Pulmonary			Non-Pulmonary			Total
	M.	F.	Total	M.	F.	Total	
No.of cases on the Register at commencement of year	18	16	34	12	12	24	58
No. of cases notified during the year ...	—	1	1	—	1	1	2
No. of cases restored to the register ...	—	—	—	—	—	—	—
No of cases added other than by formal notification	—	—	—	—	—	—	—
No. of cases removed from Register during year	6	4	10	4	4	8	18
No. of cases remaining on Register at end of year	12	13	25	8	9	17	42

Cases of Removal.

	Pulmonary	Non-Pulmonary	Total
Cured	4	7	11
Left County	3	1	4
Died	2	—	2
Lost sight of	1	—	1
Total	10	8	18

Sanitary Inspector's Report.

1. Water.

Number of samples taken for analysis from pipe supply ...	Nil
,, ,, ,, ,, ,, wells ...	Nil
Number of wells closed	6
Number of cases in which public supply was substituted for well supply	6

The public supply of the district was satisfactory in quality and quantity.

Post-war proposals include extension to new Housing Estate (£2,000) also the extension of the piped supply to include the Forest Area (£3,000).

Number of dwellings served direct from public mains—1194. Population 4374. Number of dwellings served by standpipes 318, Population 854.

2. Drainage and Sewage.

Number of cesspools constructed during the year ...	0
,, ,, abolished during the year ...	0
,, ,, in district on 31st December, 1945 ...	90

Post-war proposals include the extension of the sewerage system to include the Forest area, extension of sewers to new Housing Estates also proposed extension to the sewage disposal plant.

3. Closet Accommodation.

Total number in district at end of 1945 :—

(1)	Privies	54
(2)	Pail Closets ...	499
(3)	W.Cs	1367

Pail closets converted to W.Cs ... 15

4. Scavenging.

Household refuse is collected in covered motor lorry, and taken to tips situate away from dwelling houses.

Pail closets are empted at night, weekly, in tumbler carts and taken on to agricultural land. The only privies in the district are in farms and cottages outside the scavenging area. Cesspools are emptied by owners.

5. Sanitary Inspection of Area.

Total number of complaints received	..	8
Total number of defects discovered	...	44

INSPECTIONS MADE.

	First Inspections	Revisits
Animal Keeping	122	80
Bakehouses	10	—
Dairies and Cowsheds ...	68	15
Drainage Works	58	120
Dwelling Houses (all purposes)	180	84
Food Premises	80	—
Offensive Trades	—	—
Rats and Mice Destruction ...	85 Rats found dead – 200 Estimated killed – 1222	
Refuse Collection and Disposal	210	—
Schools	8	4
Shops	22	64
Slaughterhouses and Meat Inspections	82	—
Tents, Vans, Sheds ...	—	—
Water Supplies	30	—
Workshops, etc.	12	—
Other Inspections	412	—
Total	1374	367

6. Notices.

Preliminary	Housing	Public Health
Outstanding on 1st January ...	6	—
Issued during year	39	17
Complied with during year ..	36	17
Statutory action necessary ...	3	—
Outstanding 31st December ...	4	—

Statutory	Housing	Public Health
Outstanding on 1st January ...	1	—
Issued during the year ...	3	—
Complied with during year ...	4	—

SUMMARY ACTION — NIL.

7. Shops.

	Outstanding from previous yr.	Defects found	Defects remed'd	Outstanding 31 Dec
Sanitary Conveniences	Nil	Nil	Nil	Nil
Temperature ...	Nil	Nil	Nil	Nil
Ventilation ...	Nil	Nil	Nil	Nil

8. Camping Sites.

None in the Urban Area.

9. Regulated Buildings.

None in the Urban Area.

10. Eradication of Bed Bugs.

No of dwellings found infested ... 4
No. of houses disinfested ... 4

Method employed for disinfestation Sprayed with insecticides,

Carried out by Local Authority... 4
Carried out by Contractor ... Nil

Insecticided used ... Zaldicide and Lawverside.

11. Schools

Number of schools disinfested ... Nil
Number of schools disinfected .. 4

12. Swimming Baths and Pools open to the Public.

Number in area :—

(a) Publicly owned 1
(b) Privately owned ... ... None

Number of inspections 26

13. Inspection and Supervision of Food.

(a) MILK SUPPLY

COWKEEPERS :

No. on Register	No. of Inspections	Number of Contraventions			
		Outstanding from previous yr.	Found during year	Remedied during year	Outstanding 31st Dec.
26	58	—	—	—	—

DAIRYMEN OR PURVEYORS OF MILK (other than Cowkeepers) :

No. on Register	No. of Inspections	Number of Contraventions			
		Outstanding from previous yr.	Found during year	Remedied during year	Outstanding 31st Dec.
4	10	—	—	—	—

TOTAL CONTRAVENTIONS :

	Outstanding from previous yr.	Found during year	Remedied during year	Outstanding 31st Dec.
Cleansing ...	—	—	—	—
Structural Alterations	—	2	2	—

(b) MEAT AND OTHER FOODS

Number of Regional Slaughterhouses in area ...	None
Number of animals slaughtered elsewhere ...	163
Number of animals examined elsewhere ...	170
Number of inspections of meat at time of slaughter	130

CARCASES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Total weight in lbs.
Number killed if known ..	—	—	—	—	163	—
Number inspected	—	—	—	—	150	—
All diseases except Tuberculosis						
Whole carcases condemned ...	—	—	—	—	—	—
Carcases of which some part or organ was condemned	—	—	—	—	—	—
Percentage of number inspected affected with diseases other than tuberculosis ...	—	—	—	—	—	—
Tuberculosis only						
Whole carcases condemned ...	—	—	—	—	—	—
Carcases of which some part or organ was condemned	—	—	—	—	2	150
Percentage of the number inspected affected with tuberculosis ...	—	—	—	—	1.3	—

	Number of Inspections
Meat Stores, Meat Shops, etc.	80
Places where food (other than meat) is kept or prepared for sale	86

R. R. JONES,

Surveyor and Sanitary Inspector.